BRUHAT BANGALORE MAHANAGARA PALIKE

Office of the Executive Engineer, Rajarajeshwari Nagara Division, RR Nagara Zone, B.B.M.P., Bangalore.

Tender Notification No: EE/RRND/Tend/05/2021-22 Date: 19.07.2021

Indent No: BBMP/2021-22/BD/WORK_INDENT47910

SCHEDULE -B

Name of Work: Construction of Shops at HMT Layout and JP Park Double Road in ward no 17

Sl. No	Qty	Description of work	Unit	In Figures (Rs.)	In Words (Rs.)
1	2	3	4	5	6
1	161.71	Earthwork excavation by manual means in ordinay soil for foundation of buildings, water supply and sanitary lines and electrical conduits etc, either in pits or in trenches 1.5m and above In width, in soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. Including breaking of clods complete as per specifications. No. KBS 2.1(a) / 2.3.5	Cum	349.00	Rupees Three Hundred Forty Nine Only
2	52.02	Providing and injecting chemical emulsion for Pre-constructional Anti-Termite Treatment, creating continuous chemical barrier under and around the column pits, walls, trenches, basement excavation, top surface of the plinth filling, junction of wall and floor, along the external perimeter of building, expansion joints, over the top surface of consolidated earth on which apron is to be laid, surrounding of pipes and conduits, with chloropyriphos emulsifiable concentrates of 20% concentration at 3.19 Litre/sqm., Including cost of chemical, diluting in water to one percent oncentration, labour, HOM complete as per specifications. (Plinth area of the building at ground floor only shall be measured) Specification No. KBS : 3.2.6 / 3.2.7	Sqm	124.00	Rupees One Hundred Twenty Four Only
3	21.01	Providing and Filling in foundation with granite / trap broken metal 100mm. and down size & with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. complete as per specifications.	Cum	2832.00	Rupees Two Thousand Eight Hundred Thirty Two Only
4	20.79	Providing and laying in position plain cement concrete of Mix 1:3:6 with OPC @ 220kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @ 0.465cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	6055.00	Rupees Six Thousand Fifty Five Only
5	53.42	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6 stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13	Cum	5358.00	Rupees Five Thousand Three Hundred Fifty Eight Only

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6	3.34	KSRB 4-1.1: Providing and laying in position plain cement concrete of mix 1:2:4 with OPC cement @ 240kgs, with 40mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @ 0.459cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2	Cum	6148.00	Rupees Six Thousand One Hundred Forty Eight Only
7	40.05	Providing and laying in position reinforced cement concrete of Design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to IS 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columns pillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6	Cum	6776.00	Rupees Six Thousand Seven Hundred Seventy Six Only
8	35.05	Providing and laying in position reinforced cement concrete of design Mix M25 with OPC @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed 2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in ground floor level for roof slabs, staircase, lintels and beams retaining walls, return walls, walls (any thickness) including attached pilasters, columns, lintles, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6------For Ground Floor	Cum	7048.00	Rupees Seven Thousand Forty Eight Only
9	17.92	For First Floor	Cum	7112.00	Rupees Seven Thousand One Hundred Twelve Only
10	7.20	For Second Floor	Cum	7177.00	Rupees Seven Thousand One Hundred Seventy Seven Only
11	119.95	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	301.00	Rupees Three Hundred One Only
12	159.10	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for columns, pillars, post and struts, square / rectangular/ polygon in plan including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	501.00	Rupees Five Hundred One Only

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13	287.29	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	340.00	Rupees Three Hundred Forty Only
14	144.60	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaltons for heights more than 3.50m from ground level. - 0 to 5 mtrs. Specification No. KBS 4.6.2	Sqm	466.00	Rupees Four Hundred Sixty Six Only
15	18.51	Providing and removing centering, shuttering, strutting, propping & removal of form work etc., for edges of slabs and breaks in floor including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2	Sqm	880.00	Rupees Eight Hundred Eighty Only
16	23.52	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2	Sqm	606.00	Rupees Six Hundred Six Only
17	5.76	Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 24kgs, with 12mm and down size graded granite metal coarse aggregates @0.5175cum and fine aggregtes @ 0.345cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 7.5 cms. average thickness, upto ground floor level, including cost of all materials, labour,HOM of machinery, finishing, curing, complete as per specifications---------For Ground Floor	Sqm	513.00	Rupees Five Hundred Thirteen Only
18	2.88	For First Floor	Sqm	518.00	Rupees Five Hundred Eighteen Only
19	8.64	Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels e tc., including edges including cost of all materials, labour complete as per specificaitons.	Sqm	377.00	Rupees Three Hundred Seventy Seven Only
20	11.27	KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specifications. Specification No. KBS 4.6.3 TMT bars Fe 550-----------Ground Floor	Tonne	91591.00	Rupees Ninety One Thousand Five Hundred Ninety One Only
21	2.69	First Floor	Tonne	92399.00	Rupees Ninety Two Thousand Three Hundred Ninety Nine Only

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22	0.86	Second Floor	Tonne	93206.00	Rupees Ninety Three Thousand Two Hundred Six Only
23	121.66	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9	Cum	234.00	Rupees Two Hundred Thirty Four Only
24	40.05	Lead for disposal of earth shall be payable including loading and unloading up to 13.25kms.	Cum	98.00	Rupees Ninety Eight Only
25	100.86	Providing and constructing load bearing wall with solid concrete blocks size 400x150x200mm having block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4----------Ground Floor	Sqm	1077.00	Rupees One Thousand Seventy Seven Only
26	70.66	First Floor	Sqm	1115.00	Rupees One Thousand One Hundred Fifteen Only
27	21.67	Second Floor	Sqm	1153.00	Rupees One Thousand One Hundred Fifty Three Only
28	26.28	Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200mm having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 confirming to IS 2185 (Part 1):2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBS No.5.4----------Ground Floor	Sqm	946.00	Rupees Nine Hundred Forty Six Only
29	34.14	First Floor	Sqm	983.00	Rupees Nine Hundred Eighty Three Only
30	26.82	Second Floor	Sqm	1021.00	Rupees One Thousand Twenty One Only
31	69.12	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to ceiling including rounding off corners wherever required smooth rendering, including providing and removing scaffolding, cost of materials, labour, curing etc., complete as per specification.----------Ground Floor	Sqm	274.00	Rupees Two Hundred Seventy Four Only
32	37.12	First Floor	Sqm	280.00	Rupees Two Hundred Eighty Only

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33	16.24	Second Floor	Sqm	287.00	Rupees Two Hundred Eighty Seven Only
34	69.12	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications.----------Ground Floor	Sqm	37.00	Rupees Thirty Seven Only
35	37.12	First Floor	Sqm	44.00	Rupees Forty Four Only
36	16.24	Second Floor	Sqm	50.00	Rupees Fifty Only
37	142.62	Providing 15mm thick cement plaster in single coat with cement mortar 1:3 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.----------Ground Floor	Sqm	273.00	Rupees Two Hundred Seventy Three Only
38	147.33	First Floor	Sqm	279.00	Rupees Two Hundred Seventy Nine Only
39	30.74	Second Floor	Sqm	286.00	Rupees Two Hundred Eighty Six Only
40	138.84	Providing 18mm thick cement plaster in single coat with cement mortar 1:3 to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.----------Ground Floor	Sqm	322.00	Rupees Three Hundred Twenty Two Only
41	168.57	First Floor	Sqm	335.00	Rupees Three Hundred Thirty Five Only
42	145.62	Second Floor	Sqm	348.00	Rupees Three Hundred Forty Eight Only
43	68.16	KSRB15-5 : Providing rough cement plastering 15mm thick in single coat with cement mortar 1:4 to brick masonry for base of dadooing works with sand of approved quality, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.----------Ground Floor	Sqm	239.00	Rupees Two Hundred Thirty Nine Only
44	33.93	First Floor	Sqm	245.00	Rupees Two Hundred Forty Five Only
45	138.84	Extra for providing and mixing waterproofing compound in cement plaster for brick masonry work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:3, 20mm thick cost of materials complete as per specifications.----------Ground Floor	Sqm	14.00	Rupees Fourteen Only
46	168.57	First Floor	Sqm	27.00	Rupees Twenty Seven Only
47	145.62	Second Floor	Sqm	40.00	Rupees Forty Only

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48	122.48	KSRB 15.10.3 Providing white washing to ceiling and / or sloping roof surface in two coats with lime of approved quality, to give an even shade including cost of materials, labour, complete as per specifications.	Sqm	15.00	Rupees Fifteen Only
49	320.70	KSRB 15.10.1 Providing white washing to new wall surface in two coats with lime of approved quality, to give an even shade including cost of materials, labour, complete as per specifications.	Sqm	14.00	Rupees Fourteen Only
50	443.18	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty. Scrapping and levelling the surface using steel blade and preparing the surface even and smooth by using different grade sand papers, including cost of all materials, cost of labour and scaffolding etc., complete as per the specification.	Sqm	91.00	Rupees Ninety One Only
51	443.18	Providing and applying painting in two coats with plastic emulsion paint with primer of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.	Sqm	105.00	Rupees One Hundred Five Only
52	138.84	Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifungal paint for top coat of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.----------Ground Floor	Sqm	210.00	Rupees Two Hundred Ten Only
53	168.57	First Floor	Sqm	218.00	Rupees Two Hundred Eighteen Only
54	145.62	Second Floor	Sqm	227.00	Rupees Two Hundred Twenty Seven Only
55	59.76	Providing and laying flooring using prepolished, gang saw/water cut 19mm thick granite using silver grey granite / Multy Red / Ruby Red / Black / Hassan Green / River Pink Granite of width not less than 1200mm laid with a bed of 20mm thick 1:4 cm & jointed with neat cement slurry mixed with pigment to mach shade of granite slabs including laying POP on finished surface and cleaning the surface, including the cost of all materials, mortar and labours etc., complete as per specifications. ----------Ground Floor	Sqm	2653.00	Rupees Two Thousand Six Hundred Fifty Three Only
56	32.44	First Floor	Sqm	2656.00	Rupees Two Thousand Six Hundred Fifty Six Only

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57	14.34	Providing and laying pattern flooring for staircase treads and risers using the combination of 20mm thick ruby red granite @ 66%,20 mm thick grey granite @ 20%, 20mm thick, 20mm thick black granite 14%. The granite materials are laid with a bed of CM 1:3, 20mm thick pointed with colour pigment, including full rounding for nosing, flaming the ruby red granite for 50 mm wide including cost of all materials, mortar, labour, curing etc., complete as per specification. ----------Ground Floor	Sqm	8357.00	Rupees Eight Thousand Three Hundred Fifty Seven Only
58	14.34	First Floor	Sqm	8359.00	Rupees Eight Thousand Three Hundred Fifty Nine Only
59	68.16	Providing and fixing of wall cladding using 20mm thick gang saw water cut Shiva gold granite, grey granite in CM 1:3 proportion cut to required shape, pattern with paper joints, finished with cement mortal using white cement and colour pigments to match the colour of slab making through jointing with sealant, making holes 25mmx12mm grooves in joints including cost of all materials, mortar, labour, curing etc., complete as per specification.----------Ground Floor	Sqm	4129.00	Rupees Four Thousand One Hundred Twenty Nine Only
60	15.97	First Floor	Sqm	4132.00	Rupees Four Thousand One Hundred Thirty Two Only
61	9.36	Providing and fixing for flooring 40mm thick sadarhalli grey flammed granite slab for bath areas in Bathrooms over a bed of 25mm thick CM 1:6 and fixing granite slab with CM 1:3.----------Ground Floor	Sqm	2138.00	Rupees Two Thousand One Hundred Thirty Eight Only
62	4.68	First Floor	Sqm	2140.00	Rupees Two Thousand One Hundred Forty Only
63	14.24	Providing skirting, dado, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.Colour glazed tiles 30x60 cms 6mm thick with border of size 30 x 10 cms	Sqm	1903.00	Rupees One Thousand Nine Hundred Three Only
64	18.70	Providing and fixing stainless steel 304 grade for staircase railings, balconies, ramps, with hand rail, 50mm dia 16 guage hollow pipe welded to vertical hollow 50mm dia pipe of 16 guage, stainless steel vertical pipe spaced at 1.20m regular intervals and 5 Nos of 25mm dia. Stainless steel hollow horizontal pipe are welded to vertical 50mm dia hollow pipe. The entire assembly is fixed to staircase concrete by using expansion bolts by drilling concrete etc., complete including cost of materials, labour, HOM of and electrical charges, etc., complete as per specifications.----------Ground Floor	Sqm	7020.00	Rupees Seven Thousand Twenty Only
65	7.00	First Floor	Sqm	7026.00	Rupees Seven Thousand Twenty Six Only

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66	345.00	Providing and fixing M.S.grill work for windows and ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications. Specification No. KBS 7.12----------Ground Floor	Kg	111.00	Rupees One Hundred Eleven Only
67	172.50	First Floor	Kg	117.00	Rupees One Hundred Seventeen Only
68	1.20	Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm. weighing 2.28Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c/c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM complete as per specifications. Specification No. KBS 7.12.1 / 7.12.2 / 7.12.3 / 7.12 ----------Ground Floor	Sqm	4545.00	Rupees Four Thousand Five Hundred Forty Five Only
69	0.60	First Floor	Sqm	4551.00	Rupees Four Thousand Five Hundred Fifty One Only
70	18.90	Providing & fixing of glazed 3 Track - 2 Panel Sliding Door made out of multi chambered uPVC sections with TPV gaskets having isolated drainage and reinforced with Galvanized Iron profiles through out the window. The sliding outer frame having a overall size of 60x45 mm with reinforcement of 1 mm thickness, super sas with overall size of 39x75 mm with reinforcement of 1.5mm thickness. Glazing bead for fixing of glass shall be of size 20x18 mm and coestruded with gasket. Fiber Glass mesh shall be provided in mesh shutter. Window/Door shall be provided with 6 mm plain float glass, stgandard hardware & multi point locking system of patio espagnolette. Wall thickness of frame, mullion & sash shall be 2-2.2 mm.	Sqm	6616.00	Rupees Six Thousand Six Hundred Sixteen Only

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71	34.80	Providing and fixing PVC Hollow Door Frame of the size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet, mitre cut at two corners and joined with 2 Nos. of 150mm long brackets of 15x15mm M.S. Square tube. The two vertical door profiles are to be reinforced with 19x19 mm M.S. Square tube of 19 gauge, EPDM rubber gasket weather seal to be provided through out the frame. The door screws through the frame by using PVC fasteners. A minimum of 4 Nos of screws to be provided for each vertical member & minimum 2 Nos. for horizontal member.	Mtrs	420.00	Rupees Four Hundred Twenty Only
72	10.08	PVC DOOR SHUTTER : Supply and fixing of door shuttersmade of rigid PVC extruded hollow section of 20mm x 200mm with the wall thickness of 1.0mm + /0.1mm equally divided into 4nos with tongue and groove locking arrangements. The shutter frame is made of 58x24 mm with the wall thickness of 1.5mm+/-0.15mm section metricut and joined at 4 corners with 125mmx225mm plastic brackets. The shutter shall be horizontally reinforced with 2nos of 8mm PVC rods. Teak wood battons shall be reinforced inside the door shutter during the fabrication of the door shutter at those points wherever the hardware is fixed on to the door shutter.	Sqm	2081.00	Rupees Two Thousand Eighty One Only
73	0.65	KSRB 9.4-2 : Providing Honne wood frames wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM complete as per specifications. Specification No. KBS 9.33	Cum	102134.00	Rupees One Lakh(s) Two Thousand One Hundred Thirty Four Only
74	5.04	KSRB 9.5-2 : Providing and fixing in position fully panelled Honne wood shutters for doors, with styles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, HOM complete as per specifications. (excluding cost of fixtures) Specification No. KBS 9.34---------Ground Floor	Sqm	5510.00	Rupees Five Thousand Five Hundred Ten Only
75	2.52	First Floor	Sqm	5510.00	Rupees Five Thousand Five Hundred Ten Only
76	2.52	Second Floor	Sqm	5514.00	Rupees Five Thousand Five Hundred Fourteen Only
77	20.70	Applying red lead ready mix priming coat over new steel or other metal surface including preparing the surface after throughly cleaning oil, grease, dirt and other foreign matter, and scoured with wire brushes, fine steel wool, sand papers including cost of materials, labour, complete as per specifications.	Sqm	48.00	Rupees Forty Eight Only
78	20.70	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.	Sqm	111.00	Rupees One Hundred Eleven Only

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79	10.08	Applying priming coat over new wood surface and / or wood based surface, after brushing with ready mix enamel priming paint including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications.	Sqm	58.00	Rupees Fifty Eight Only
80	10.08	KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications.	Sqm	113.00	Rupees One Hundred Thirteen Only
81	26.00	0220Locking Arrangement	Each	595.00	Rupees Five Hundred Ninety Five Only
82	52.00	0178 Handles powder coated 150mm	Each	55.00	Rupees Fifty Five Only
83	156.00	0188 Hinges 5" heavy duty	Each	34.00	Rupees Thirty Four Only
84	52.00	0189 Hold fasts MS	Each	35.00	Rupees Thirty Five Only
85	156.00	0427 Tower bolt 300 mm long	Each	110.00	Rupees One Hundred Ten Only
86	936.00	0540 Screws	Nos	4.00	Rupees Four Only
87	230.00	Providing & fixing Chorinated Poly Venyl(CPVC) pipes confirming to IS 15778 having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings, this includes jointing of pipes and fittings with one step solvent cement, trenching, refilling and testing of joints complete.(External work and Burried). ---------- 25mm.dia..	Mtrs	209.00	Rupees Two Hundred Nine Only
88	250.00	32mm.dia..	Mtrs	263.00	Rupees Two Hundred Sixty Three Only
89	180.00	40mm.dia..	Mtrs	340.00	Rupees Three Hundred Forty Only
90	4.00	Providing and fixing water meter with stop cock, jam nut, socket in G.I pipe line including cutting and threading the pipe and making long screws including cost of all materials, labour , HOM of equipments and testing complete as per specifications.	Set	1539.00	Rupees One Thousand Five Hundred Thirty Nine Only
91	5.00	Providing and fixing in position brass ball valve high or low pressure with plastic float of approved quality below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.	Each	598.00	Rupees Five Hundred Ninety Eight Only
92	4.00	Providing and fixing in position brass Gate valve with CI wheel of approved quality (screwed end) below nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specification.------ ---a. 32mm.dia..	Nos	968.00	Rupees Nine Hundred Sixty Eight Only

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93	4.00	b. 40mm.dia..	Nos	1212.00	Rupees One Thousand Two Hundred Twelve Only
94	5.00	KSRB13-7.1-3 : Providing and fixing in position 40mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.10 / 13.13 KSRB13-7.1-3 - do - 40 mm dia nominal bore	Each	1104.00	Rupees One Thousand One Hundred Four Only
95	3.00	Providing and fixing white vitreous china clay, water closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	Pan	4088.00	Rupees Four Thousand Eighty Eight Only
96	3.00	Providing and fixing white vitreous china clay, water closet European type (Pedestal type, P-trap) with black solid plastic seat and lid, C.P brass hinges, rubber buffers. 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 40mm diameter flush bend with fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11	Each	5778.00	Rupees Five Thousand Seven Hundred Seventy Eight Only
97	3.00	Providing and fixing white vitreous china clay, angle back wash basin size 600X480mm with a single 15mm C.P brass pillar tap with C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	Unit	3833.00	Rupees Three Thousand Eight Hundred Thirty Three Only
98	10.00	Providing and fixing in position brass bib cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3	Each	222.00	Rupees Two Hundred Twenty Two Only
99	6.00	Providing and fixing C.P. brass towel rail 740mm length, 20mm dia with C.P brackets, fixed to wooden cleats with C.P. brass screws including cost of materials, labour complete as per specifications.	Unit	862.00	Rupees Eight Hundred Sixty Two Only
100	300.00	Providing and fixing chorinated poly vinyl Chloride (CPVC) 15mm nominal OD pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and making good walls)	Mtrs	240.00	Rupees Two Hundred Forty Only

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101	250.00	Providing and fixing chorinated poly vinyl Chloride (CPVC) 20mm nominal OD pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and making good walls)	Mtrs	274.00	Rupees Two Hundred Seventy Four Only
102	300.00	Providing and fixing chorinated poly vinyl Chloride (CPVC) 25mm nominal OD pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and making good walls)	Mtrs	342.00	Rupees Three Hundred Forty Two Only
103	2.00	Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS	Each	523.00	Rupees Five Hundred Twenty Three Only
104	2.00	Providing and fixing In position brass stop cock of approved quality 15mm nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3	Each	164.00	Rupees One Hundred Sixty Four Only
105	80.00	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 for internal water supply connection. 40mm dia	Mtrs	266.00	Rupees Two Hundred Sixty Six Only
106	50.00	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 for internal water supply connection. 75mm dia	Mtrs	380.00	Rupees Three Hundred Eighty Only
107	50.00	Providing and fixing to wall, ceiling and floor, medium density polyethylene pipes 6.00 kgs/sq.cm working pressure of outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor including cost of all materials, labour charges, HOM and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 for internal water supply connection. 110mm dia	Mtrs	525.00	Rupees Five Hundred Twenty Five Only

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108	2.00	Constructing brick masonry inspection chamber for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS 600x600mm and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 600x600mm	Nos	9898.00	Rupees Nine Thousand Eight Hundred Ninety Eight Only
109	400.00	Supplying heavy gauge PVC conduit pipe .....mm dia ..... mm thick confirming to IS 2509 with suitable size bends, metal/PVC junction boxes, adhesive paste etc., and running before concreting the slab. The conduit should be tied to the reinforcement rods by using binding wires and unused ways of junction boxes and pipe ends should be covered using PVC end enclosures, run with 18SWG GI fish wire wherever necessary----------19/20mm dia 2mm thick.	Mtrs	43.00	Rupees Forty Three Only
110	250.00	25mm dia 2mm thick.	Mtrs	57.00	Rupees Fifty Seven Only
111	150.00	32mm dia 2.5mm thick.	Mtrs	90.00	Rupees Ninety Only
112	180.00	Groove cutting in walls Supplying heavy gauge PVC Conduit Pipe ....dia ....mm thick with suitable size bends, metal junction boxes adhesive paste etc., by groove cutting in the wall and fixing by bracing U or J hooks and cement plastering up to the wall surface and run with 18 SWG GI fish wire run throughout the conduit wherever necessary.---------- --19/20mm dia 2mm thick	Mtrs	55.00	Rupees Fifty Five Only
113	100.00	25mm dia 2mm thick	Mtrs	58.00	Rupees Fifty Eight Only
114	100.00	32mm dia 2.5mm thick	Mtrs	87.00	Rupees Eighty Seven Only
115	80.00	Extra for Groove cutting in brick wall/CC floor to the suitable depth for concealing of Conduit/GI pipe and plastering, finishing upto wall surface complete.----------upto 50mm conduit in brick wall	Mtrs	23.00	Rupees Twenty Three Only
116	50.00	upto 50mm conduit CC floor	Mtrs	41.00	Rupees Forty One Only
117	250.00	Supplying and fixing of PVC casing and capping on the wall or ceiling using necessary materials like bends, screws at an interval of 300mm .... etc. as required.25mm	Mtrs	26.00	Rupees Twenty Six Only
118	20.00	Supplying And Fixing Metal Fan Box with Round Hook	Nos	92.00	Rupees Ninety Two Only

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119	20.00	Point wiring using Copper wire without switch. Supplying and wiring adopting loop system In existing PVC Conduit / casing capping using 1100V grade, COPPER conductor flexible multistrand FRLS PVC Insulated, 2X1.5Sq.mm Cable confirming to the GTP without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block complete for each outlet. GROUP A----------Short point upto 3Mtr from tapping point to out let via switch	point	173.00	Rupees One Hundred Seventy Three Only
120	15.00	Medium point above 3M. upto 6M from tapping point to out let via switch	point	270.00	Rupees Two Hundred Seventy Only
121	10.00	Long point above 6Mtr. upto 10M from tapping point to out let via switch	point	405.00	Rupees Four Hundred Five Only
122	25.00	Two outlet in a row, above 3Mtr upto 6Mtr from tapping point to out let via switches	point	513.00	Rupees Five Hundred Thirteen Only
123	25.00	Three outlet In a row, above 6Mtr upto 10Mtr from tapping point to out let via switches	point	729.00	Rupees Seven Hundred Twenty Nine Only
124	1000.00	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.----------1.5 sqmm	Mtrs	22.00	Rupees Twenty Two Only
125	2000.00	2.5 sqmm	Mtrs	35.00	Rupees Thirty Five Only
126	1000.00	4 sqmm	Mtrs	48.00	Rupees Forty Eight Only
127	500.00	6 sqmm	Mtrs	75.00	Rupees Seventy Five Only
128	200.00	10 sqmm	Mtrs	124.00	Rupees One Hundred Twenty Four Only
129	25.00	Supplying and flush mounting powder coated / galvanized metal box suitable for mounting modular switch plates. The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall----------1-3Way	Nos	103.00	Rupees One Hundred Three Only
130	20.00	4-5Way	Nos	113.00	Rupees One Hundred Thirteen Only
131	25.00	6Way	Nos	135.00	Rupees One Hundred Thirty Five Only
132	15.00	8Way	Nos	157.00	Rupees One Hundred Fifty Seven Only
133	8.00	10-12Way	Nos	178.00	Rupees One Hundred Seventy Eight Only

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134	10.00	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required nos. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.----------1 to 3 Module	Nos	119.00	Rupees One Hundred Nineteen Only
135	10.00	4 Module	Nos	135.00	Rupees One Hundred Thirty Five Only
136	10.00	6 Module	Nos	189.00	Rupees One Hundred Eighty Nine Only
137	3.00	8 Module	Nos	216.00	Rupees Two Hundred Sixteen Only
138	2.00	12 Module	Nos	248.00	Rupees Two Hundred Forty Eight Only
139	20.00	Supplying and fixing of modular switch & connected accessories on existing modular switch plate as per IS 3854 and IS 1293.----------6Amps one way.	Nos	76.00	Rupees Seventy Six Only
140	15.00	6Amps two way	Nos	103.00	Rupees One Hundred Three Only
141	5.00	6Amps 3way socket.	Nos	113.00	Rupees One Hundred Thirteen Only
142	8.00	Stepped Fan Regulator.	Nos	313.00	Rupees Three Hundred Thirteen Only
143	20.00	16Amps one way switch	Nos	124.00	Rupees One Hundred Twenty Four Only
144	12.00	6/16Amps universal socket.	Nos	175.00	Rupees One Hundred Seventy Five Only
145	450.00	Supplying 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slab.	Nos	8.00	Rupees Eight Only
146	3.00	Supplying and fixing one of 230 volts Ding dong bell and a flush type bell push with gang box fixed on necessary wooden or rawl plugs using NF screws	Nos	237.00	Rupees Two Hundred Thirty Seven Only
147	25.00	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws.	Nos	315.00	Rupees Three Hundred Fifteen Only
148	5.00	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and washers.	Nos	245.00	Rupees Two Hundred Forty Five Only

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149	1.00	Supplying of on load change over switches 4 poles, AC-23A Duty, 415V, 50Hz, AC Supply. With all accessories.(SM Enclosure Sheet Metal Execution)	Nos	5721.00	Rupees Five Thousand Seven Hundred Twenty One Only
150	1.00	Supplying and fixing regular MCCB distribution Panel confirming to IS 8828, on wall / wood board / flush mounting using required clamps, bolts, nuts, etc., with provision for fixing of suitable type capacity MCCB's as an incomer for 3 phase Double door withnecessary bus bar completely wired to use on 440Volts 3phase 4 wire powder coated painting etc., complete with a provision for fixing of single/three phase suitable capacity MCCB/MCB's as outgoings confirming to IS8828.	Nos	7557.00	Rupees Seven Thousand Five Hundred Fifty Seven Only
151	2.00	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and 'C' Type curve, indicator ON/OFF, energy cross-3 with Short circuit breaking capacity of 10K and complete wiring as required confirming to IEC 60898.----------6-32 Amps SP. Group'A'	Nos	469.00	Rupees Four Hundred Sixty Nine Only
152	2.00	5-32 Amps DP. Group'A'	Nos	981.00	Rupees Nine Hundred Eighty One Only
153	1.00	6-32Amps TPN	Nos	1851.00	Rupees One Thousand Eight Hundred Fifty One Only
154	1.00	50-63 Amps TPN.	Nos	2588.00	Rupees Two Thousand Five Hundred Eighty Eight Only
155	1.00	Supplying and fixing regular MCB distribution boards on wall / wood board / flush mounting using required clamps, bolts, nuts etc., with provision for fixing suitable type capacity MCB's single phase / 3 phase / single door with powder coated painting. Made out of 14 SWG MS enclosure.II - Double Door----------12 way SPN	Nos	1943.00	Rupees One Thousand Nine Hundred Forty Three Only
156	1.00	4 way TPN	Nos	2861.00	Rupees Two Thousand Eight Hundred Sixty One Only
157	1.00	6 way TPN	Nos	3595.00	Rupees Three Thousand Five Hundred Ninety Five Only
158	2.00	Supplying, fixing and wiring Residual current circuit breaker (RCCB) 240/450V up to 300mA sensitivity on existing wood/panel board----------25 Amps DP	Nos	3994.00	Rupees Three Thousand Nine Hundred Ninety Four Only
159	1.00	32 Amps 4 pole	Nos	4626.00	Rupees Four Thousand Six Hundred Twenty Six Only

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160	1.00	Supplying, fixing and wiring earth leakage relay with core balanced current transformer suitable for single phase 50 Hz AC with latest microcontroller based, digital readout of percentage leakage current, programmable delay/auto/ manual reset facility suitable to mount on DIN rail/ flush mounting on panel board.	Nos	8312.00	Rupees Eight Thousand Three Hundred Twelve Only
161	2.00	Supplying, fixing and wiring 3 Phase Digital Ammeter /Voltmeter.	Nos	1279.00	Rupees One Thousand Two Hundred Seventy Nine Only
162	1.00	Supplying of multi function digital meter with three line back light LCD type display for voltage, Current, frequency, Power, power factor, KVA, KWH,KVAR suitable for 3 phase, 4 wire LT network with IP 54 degree of protection and completely wired as required with communication Port and Class 0.5s accuracy.	Nos	8366.00	Rupees Eight Thousand Three Hundred Sixty Six Only
163	2.00	Supplying, fixing and wiring 50/5 to 400/5Amps 5VA burden Current Transformer. Class 0.5 accuracy with Tape Wound.	Nos	505.00	Rupees Five Hundred Five Only
164	2.00	Supplying, fixing and wiring Electronic Trivector Meter (ETV) 5 to 32/63 Amps three phase 4 wire whole current class-1 Accuracy Energy Meter.	Nos	5122.00	Rupees Five Thousand One Hundred Twenty Two Only
165	3.00	Supplying and fixing of LED type panel board indicating lamp with required colour suitable for 220v A.C. 50 Hz 12/24v D.C.	Nos	464.00	Rupees Four Hundred Sixty Four Only
166	5.00	Supplying, fixing and wiring heavy duty low voltage capacitors conforming to IS 2834. 3 phase, 400/440 volts grade, for power factor improvement of rotating machineries like induction motor.	Nos	432.00	Rupees Four Hundred Thirty Two Only
167	6.00	Supplying ..... amps rated 3phase with neutral bus bar using required capacity electrolytic aluminum strips covered with heat shrinkable coloured PVC sleeve, mounted on phenolic/FRP/ DMC insulator which are mounted on powder coated 40x6mm M.S.flat frame work in existing panel board. The bus bar shall have suitable holes for termination of incoming and outgoing cables as per IS specification with necessary bolts, nuts and washers etc., complete.	Mtrs	2213.00	Rupees Two Thousand Two Hundred Thirteen Only
168	6.00	Supplying and fixing angle iron frame work fabricated out of M.S. angle iron.. and M.S. flat ... with bolts, washers etc., and painted with 2 coats of red oxide and then two coats of approved paint.----------40*40*6mm	Mtrs	275.00	Rupees Two Hundred Seventy Five Only
169	5.00	50X100X50X6mm C channel 50*6mm	Mtrs	680.00	Rupees Six Hundred Eighty Only

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170	40000.00	Fabricating supplying and mounting MS box made out 14SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete.	Sqcm	0.47	Rupees And Paise Forty Seven Only
171	3.00	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 122 mm dia	Nos	3238.00	Rupees Three Thousand Two Hundred Thirty Eight Only
172	1.00	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.	Nos	4480.00	Rupees Four Thousand Four Hundred Eighty Only
173	4.00	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required. GI strip----------GI Strip. 25x3mm	Mtrs	81.00	Rupees Eighty One Only
174	3.00	Copper strip. 25x3mm.	Mtrs	545.00	Rupees Five Hundred Forty Five Only
175	45.00	Supplying and running GI/Copper conductor for grounding and (along with other wires in conduit system of wiring) using necessary suitable size clamps, nails, guttas/spacers etc.	Mtrs	63.00	Rupees Sixty Three Only
176	15.00	Supplying of 1.1 KV LT UG cable XLPE or Heat resistant PVC insulated, PVC extruded Inner sheath armoured UG LT cable as per IS-1554 (Part-1) or IS-7098 Part-1, Armouring strip thickness in average +5% and resistivity 14 Ohms/Kms (Max) as per IS-3975	Mtrs	194.00	Rupees One Hundred Ninety Four Only
177	10.00	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct.----------25 sqmm to 75 sqmm	Mtrs	17.00	Rupees Seventeen Only
178	10.00	On wall structure. 25 sqmm to 75 sqmm	Mtrs	38.00	Rupees Thirty Eight Only
179	15.00	Digging of trench of 0.6m deep * 0.50mtr wide refiling the trench to the required ground level & consolidating etc., complete. (As per Civil SR KSRB I-2, P.7)	Mtrs	110.00	Rupees One Hundred Ten Only
180	15.00	Providing and filling sand in excavated trench to cover already laid UG cable to a depth of 150mm all-round the cable.	Mtrs	108.00	Rupees One Hundred Eight Only

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181	10.00	Supplying and fixing of class A (medlum duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV.	Mtrs	611.00	Rupees Six Hundred Eleven Only
182	20.00	Supplying and fixing of heavy duty cable glands suitable for UG cable of 1.1 KV class (metal only)	Nos	126.00	Rupees One Hundred Twenty Six Only
183	20.00	Supplying tinned copper lugs and crimping and wiring to terminal point for wire of the following sizes. ---------- 2.5sqmm	Nos	4.00	Rupees Four Only
184	15.00	4sqmm	Nos	8.00	Rupees Eight Only
185	12.00	6sqmm	Nos	8.00	Rupees Eight Only
186	12.00	10sqmm	Nos	9.00	Rupees Nine Only
187	15.00	25 sqmm Long Barrel	Nos	22.00	Rupees Twenty Two Only
188	6.00	Supplying of Ceiling Fan with Capacitor rating As per guideline of BEE 5 star rating and IS:374/79 and also comply with IS:1709/1984 with latest amendment, Rated voltage 220 V/ 50 Hz, Rated power input 48 W +/- 10 %, Rated current As per IS:374/79, Rated power factor 0.9 lagging(min), Rated speed 350 +/- 10% RPM, Rated air delivery 210 +/- 10% Cubic Meter Minimum, Rated service value ≥ 4.2 CMM / Watt, Three Blades of blade leaf 1.05mm thick Aluminium Alloy sheet, Class B motor insulation,Bearing Two ball bearings, Top 6202, Bottom 6201 , as per IS specification, Motor wdg. Temp rise Shall not exceed 75 degC over and ambient of 40 0C by resistance method at 245Volts, Insulation resistance Shall not be less than Two Mega Ohms (2 M Ohms), Leakage current Should not exceed 210Micro Amp, Power input, watt& current , Air Delivery & Fan Speed as per IS:374/1979 with latest amendment, 2 year manufacturer Warranty 48" Sweep 5 Star (1200mm)	Nos	3131.00	Rupees Three Thousand One Hundred Thirty One Only
189	15.00	Supplying & fixing retrofit type -PL- LED Lamp 8-9W LED linear source with CCT 6500 degree K, CRI> 70%. efficacy >80 lumen per watt, life> 25000 burning hours and Compliance to IS 10322/IEC 60598, LM 79 & LM 80. The LED are driven by HF electronic driver integrated in the system, with PF > 0.95, power loss should < 5% of lamp wattage., short circuit & open circuit protection to beintegrated in the circuit, THD less than 20%, Life as per LM 79. The operating input voltage should be between 130 to275 volts. Tested by NABL/CPRI accredited laboratory with 2 years Warranty against any manufacturing defect working under standard electrical condition. 8-9 Watts	Nos	378.00	Rupees Three Hundred Seventy Eight Only
190	6.00	Supplying of .....feet - PVC Batten with integrated LED tube.....W with high quality diffuser with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition.LED light fighting 1 x4'- 20/22 w----------LED light fighting 1 x4'- 20/22 w	Nos	405.00	Rupees Four Hundred Five Only

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191	10.00	LED light fighting 2x 4' - 20 /22 w	Nos	675.00	Rupees Six Hundred Seventy Five Only
192	2.00	Supply of round/square recess/surface mounted rolling type LED Down light with .....W GU 10 LED Lamp Rib Fabricated from Die cast aluminium with white powder coated prewired to mains connector & has swiveling unit of aluminium die cast eye ball & LED Lamp position retained by circular wire spring, with Life of 25000 burning hours & 70% lumen maintenance with CRI > 80. Power Input: 220-240V @ 50/60Hz & Power factor >0.9 along with CE approved. 2 years Warranty against any manufacturing defect working under standard electrical condition LED square or round down light 15-18W	Nos	1241.00	Rupees One Thousand Two Hundred Forty One Only
193	50.00	Fixing all types and all capacities of fluorescent / false ceiling/ spot light / CFL / LED fittings indoor on the wall / ceiling /rafters / girders using 23/0.0076" twin twisted PVC insulatedwires, required Nos of round blocks and clamps.	Nos	119.00	Rupees One Hundred Nineteen Only
194	24.00	Fixing a ceiling / wall mounting fan of all capacities and all types, with necessary clamps and 'S' hook made out of 15mm dia MS rod, with 5 amps. ceiling rose of approved quality with necessary length of 23 / 0.0076 inch PVC insulated twin twisted wire of approved quality, mounted on a suitable size wooden board and wired	Nos	280.00	Rupees Two Hundred Eighty Only
195	15.00	Extra length of GI pipe of class B 19mm dia for down rod..	Nos	173.00	Rupees One Hundred Seventy Three Only
196	2.00	KSRB 13-11 : Providing and placing on terrace, polyethylene water storage tanks as per IS 12701 : 1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 1000 litre capacity) Specification No.KBS 13.22	Nos	7960.00	Rupees Seven Thousand Nine Hundred Sixty Only

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